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# Water Supply Outlook For Nevada



SOIL CONSERVATION SERVICE  
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

NEVADA DEPARTMENT OF CONSERVATION  
AND NATURAL RESOURCES  
DIVISION OF WATER RESOURCES

AS OF  
APR. 1, 1980

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*COVER PHOTO: THE SNOW PROJECT CENTRAL COMPUTER FACILITIES IN PORTLAND, OREGON. THE TERMINAL, PRINTER, COMPUTER AND TAPE DRIVES HAVE NOT COMPLETELY REPLACED THE SNOW SAMPLING TUBES SEEN IN THE FOREGROUND.*

## PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S. W. Third Ave., Portland, Oregon 97204
Utah	4420 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U. S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

## PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.



# **WATER SUPPLY OUTLOOK FOR NEVADA**

and  
**FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS**

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*All averages are for 1963-1977 period.*

# WATER SUPPLY OUTLOOK FOR NEVADA

THE SURFACE WATER SUPPLY FOR THIS SUMMER CONTINUED TO IMPROVE DURING MARCH. SNOW WATER INCREASES DURING THE MONTH WERE ABOVE AVERAGE. THEREFORE, MOST STREAMFLOW FORECASTS ARE INCREASED OVER LAST MONTH. THE INCREASES ARE SIGNIFICANT IN CARSON, WALKER AND HUMBOLDT RIVERS. THE SNOWPACK IS NOW ABOVE AVERAGE IN ALL AREAS IN THE STATE. SNOW COURSE MEASUREMENTS INDICATE THE AVERAGE SNOW WATER TO BE THE LARGEST SINCE 1975 ON THE SIERRA EAST SLOPE WITH SOME SNOW COURSES HAVING THE LARGEST AMOUNT OF WATER SINCE APRIL 1, 1969.

RESERVOIR STORAGE FOR THE STATE CONTINUED TO IMPROVE. THE SEVEN MAJOR RESERVOIRS USED FOR IRRIGATION NOW CONTAIN 875,000 ACRE-FEET FOR 87 PERCENT OF AVERAGE. LAKE TAHOE NOW CONTAINS 322,000 ACRE-FEET FOR 65 PERCENT OF AVERAGE. LAST YEAR'S STORAGE IN TAHOE WAS 135,000 ACRE-FEET.

## Sierra East Slope

Snow water increases during March were average in the Tahoe Basin but were two to four times the average amounts in the Carson and Walker Basins. This is a result of the snowfall and the lack of melt during the month. The snow water is now 134 percent in the Tahoe and Truckee Basins; 153 percent in the Carson River Basin, and 170 percent in the Walker River Basin. Many individual snow courses have the most water since April 1, 1969. Lake Lucille in the Tahoe Basin has 180 inches of snow containing 78.4 inches of water. Mt. Rose Ski Area has 132 inches of snow containing 58.1 inches of water, and Leavitt Lake in the Walker Basin has 166 inches of snow containing 74.8 inches of water.

Surface water supplies will be excellent this summer. Streamflows will be above average. Streamflows are forecast at 132 percent on the Truckee River at Farad; Lake Tahoe Rise 144 percent; Carson River at Carson City 148 percent; and the West Walker River at 152 percent of average. The above average streamflow expected this summer will allow reservoir storage to increase during a large part of the spring and summer.

Reservoir storage is improved and near average in most reservoirs. Lake Tahoe is 65 percent of average and now contains 322,000 acre-feet, the largest volume since 1976. Bridgeport Reservoir has been drawn down below average in expectation of the above average runoff of the East Walker River.

### Humboldt Basin

Snow course measurements indicate a significant improvement in the water content during the month. The snowpack water content has improved from 95 percent on March 1 to 124 percent on April 1. This is the result of a combination of snowfall and the lack of snowmelt during the month. Lamoille #5 snow course has 96 inches of snow depth containing 36.2 inches of water, the largest amount of water since 1965.

Streamflow forecasts have been increased over last month's. Forecasts now indicate average streamflow on the mainstream of the Humboldt River, and 10 to 30 percent above average on the upper main tributaries.

Storage in Rye Patch Reservoir is excellent and contains 156,000 acre-feet. This compares to 84,000 acre-feet last year.

### Owyhee and Snake Basins

Snow course measurements indicate the snow water increased from 97 percent to 124 percent of average during the month in the Owyhee Basin. In the Snake Basin water contents increased from 108 percent to 118 percent of average.

Streamflows are now forecast for slightly above average in these basins. Inflow to Wild Horse Reservoir was slightly above average for the month and the April 1 to July 31 inflow is forecast at 25,000 acre-feet or 109 percent average.

Wild Horse Reservoir now contains 46,000 acre-feet, a 6,000 acre-foot increase for the month and is now 131 percent of average. Last year there was 31,000 acre-feet in storage.

### Northern Great Basin

Snow course measurements indicate 151 percent of average snow water. Water supplies will be above average in most areas. This year's snowpack is 179 percent of last year's.

### Eastern Nevada

Snow course measurements indicate increases this month and now are 165 percent of average. Water supplies in small streams should be excellent this season. Berry Creek snow course has 68 inches of snow with 19.0 inches of water, while Baker #2 has 67 inches with 23.0 inches of water, both similar to last year.

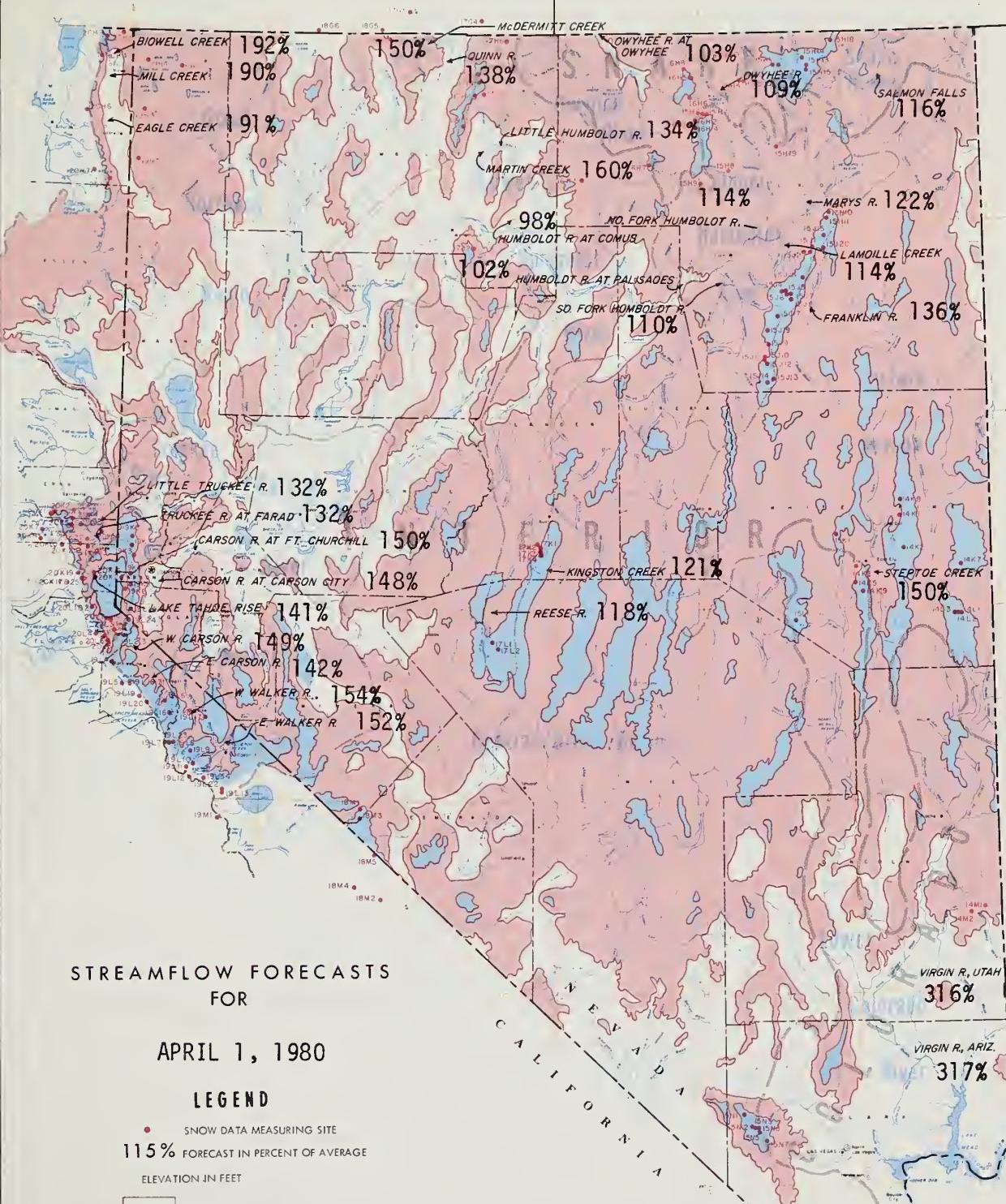
### Lower Colorado and Central Great Basin

Snowpacks in these areas are considerably above average. Snow water in the Mt. Charleston area is 247 percent of average. This year's snowpack is slightly above last year's. Small streams and springs should have excellent flows this year's.

# PROSPECTIVE WATER SUPPLY FOR NEVADA

20 19 18 17 16 15 14 13

O R E G O N I D A H O G



10 0 10 20 30 40 50 60 MILES  
SCALE 1:3,550,000

# INDEX TO NEVADA SNOW COURSES

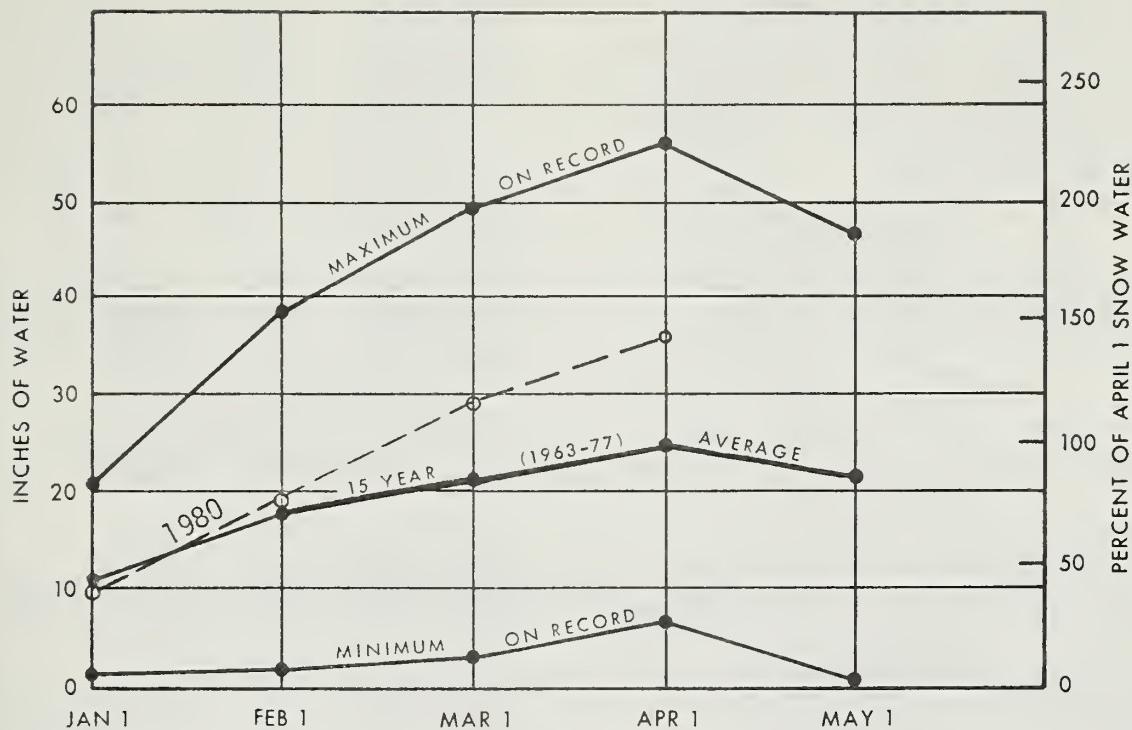
## (By Basins)

Refer to the map on the preceding page for Snow Course locations.

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.	NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
<b>SNAKE RIVER BASIN</b>											
<b>SNAKE RIVER</b>											
15H15MA	Bear Creek	31	46N	58E	7800	20L65	Echo Peak (CA)	35	12N	17E	7800
15H2	Fox Creek	33	46N	58E	6800	20L5	Echo Summit (CA)	6	11N	18E	7450
15H135A	Goat Creek	31	46N	60E	8800	20L105	Fallen Leaf (CA)	36	13N	17E	6300
15H15A	Hummingbird Springs	6	45N	60E	8945	19L2	Free Bench (CA)	36	12N	18E	7300
15H20a	Merritt Mountain	10	46N	54E	7000	19K6	Glenbrook #2	13	14N	18E	6900
15H145A	Pole Creek Ranger Station	13	46N	59E	8330	19L3M5	Hagans Meadow (CA)	36	12N	18E	8000
15H18a	Red Point	15	47N	61E	7940	19L245	Heavenly Valley (CA)	1	12N	18E	8850
15H35A	76 Creek	6	44N	58E	7100	20L4	Lake Lucille (CA)	28	12N	17E	8200
15H19a	Stag Mountain	32	41N	58E	7800	19K4M5	Marlette Lake	18	15N	19E	8000
<b>OWYHEE RIVER</b>											
15H45M	Big Bend	30	45N	56E	6700	20L3	Richardsons #2 (CA)	6	12N	18E	6500
16H6a	Columbia Basin	31	44N	53E	6650	20L1	Rubicon #1 (CA)	6	13N	17E	8100
16H8a5	Fawn Creek	2	45N	52E	7000	20L25	Rubicon #2 (CA)	6	13N	17E	7500
15H5	Gold Creek	32	45N	56E	6600	20K16	Tahoe City (CA)	6	15N	17E	6250
16H1M	Jack Creek, Lower	18	42N	53E	6800	20K26	Tahoe City Alt. (CA)	7	15N	17E	6300
16H25M	Jack Creek, Upper	9	42N	53E	7250	20K275	Tahoe City Cross (CA)	1	15N	16E	6750
16H45	Jacks Peak	21	42N	53E	8420	19L1	Upper Truckee (CA)	21	12N	18E	6400
16H55	Laurel Draw	20	45N	53E	6700	20K255	Ward Creek (CA) #3	21	15N	16E	6750
17G4a	Louise Canyon (OR)	27	40S	44E	6440	20K17	Ward Creek #2 (CA)	21	15N	16E	7000
15H9MP5	Taylor Canyon	35	39N	53E	6200						
<b>INTERIOR</b>											
<b>UPPER HUMBOLDT RIVER</b>											
15J17a	American Beauty	32	31N	58E	7800	20K14	Boca #2 (CA)	28	18N	17E	5900
15J125A	Corral Canyon	27	28N	57E	8500	20K22	Brockway Summit (CA)	3	17N	16E	7100
15J15M	Dorsey Basin	28	35N	60E	8100	20K21	Donner Park #2 (CA)	18	17N	16E	6000
15J3	Ory Creek	5	34N	60E	6500	20K10	Donner Summit (CA)	25	17N	14E	6900
15H7	Fry Canyon	31	43N	54E	6700	20K7*	Fordyce Lake (CA)	34	18N	13E	6500
15J95M	Green Mountain	23	29N	57E	8000	20K8*	Furnace Flat (CA)	10	17N	13E	6700
15J10	Harrison Pass #1	9	28N	57E	6600	20K4M5	Independence Camp (CA)	34	19N	15E	7000
15J11	Harrison Pass #2	16	28N	57E	7400	20K35	Independence Creek (CA)	14	19N	15E	6500
15J4	Lamoille #1	15	32N	58E	7100	20K55	Independence Lake (CA)	9	18N	15E	8450
15J65	Lamoille #3	24	32N	58E	7700	19K3	Little Valley	17	16N	19E	6300
15J8P	Lamoille #5	31	32N	59E	8700	19K25	Mt. Rose	7	17N	19E	9000
15J20	Pole Canyon #2	6	34N	61E	7700	19K75	Mt. Rose 5ki Area	30	17N	19E	9000
15J16a	Robinson Lake	23	33N	59E	9200	20K6	Sage Hen Creek (CA)	7	18N	16E	6500
15H6MP	Roden Flat	36	43N	53E	6800	20K19	Squaw Valley #2 (CA)	6	15N	16E	7500
15J2	Ryan Ranch	1	34N	59E	5800	20K135	Truckee #2 (CA)	22	17N	16E	6400
15J19	Smith Creek	26	30N	57E	7600	20K24*	Webber Lake (CA)	29	19N	14E	7000
15H8	Tremewan Ranch	9	39N	55E	5700	20K1*	Webber Peak (CA)	30	19N	14E	8000
15H10P	Trout Creek, Lower	28	37N	61E	6900						
15H11A	Trout Creek, Upper	4	36N	61E	8500						
<b>LOWER HUMBOLDT RIVER</b>											
17K1	Big Creek Campground	10	17N	43E	6600						
17K4S	Big Creek Summit	35	17N	43E	8700						
17K2	Big Creek Mine	23	17N	43E	7600						
17K3	Big Creek, Upper	26	17N	43E	7800						
17H2S	Buckskin, Lower	25	45N	39E	6700						
17H1	Buckskin, Upper	11	45N	39E	8200						
17L1	Corral, Lower	12	11N	40E	7500						
17L2	Corral, Upper	20	11N	41E	8000						
17J2	Golconda #2	22	35N	39E	6000						
17H45	Granite Peak	22	44N	39E	7800						
17H55	Lamance Creek	13	42N	38E	6000						
17H3	Martin Creek	13	44N	39E	6700						
16H3AP	Midas	18	39N	46E	7200						
16H7a	Toe Jam	29	40N	50E	7700						
<b>EASTERN NEVADA</b>											
14L1	Baker #1	29	13N	69E	7950						
14L2	Baker #2	30	13N	69E	8950						
14L3	Baker #3	25	13N	60E	9250						
14K2S	Berry Creek	26	17N	65E	9100						
14K1	Bird Creek	34	19N	65E	7500						
14K9a	Defiance Mines	9	14N	63E	9200						
15J1SS	Hole-in-Mountain	6	35N	61E	7900						
14K8	Kalamazoo Creek	34	20N	65E	7400						
14K3	Murray Summit	25	16N	62E	7250						
15K1	Robinson Summit	34	18N	61E	7600						
14K7	Silver Creek #2	30	16N	69E	8000						
14K55	Ward Mountain #2	25	15N	62E	8900						
<b>CENTRAL GREAT BASIN</b>											
18M2	Campito Mountain (CA)	19	55	35E	10200						
18M5a	Chiavovich Flat (CA)	32	25	34E	10500						
15N2	Clark Canyon	8	195	56E	9000						
18M1	Montgomery Pass	4	1N	33E	7100						
18M3a	Pinchot Creek (CA)	28	1N	33E	9300						
18M4a	Piute Pass (CA)	33	45	33E	11700						
15M1	Trough Springs	23	18S	55E	8500						
<b>NORTHERN GREAT BASIN</b>											
19H1a	Bald Mountain	17	45N	21E	6270						
20H5	Barber Creek (CA)	23	39N	16E	6500						
20H6S	Cedar Pass (CA)	12	43N	14E	7100						
18G6a	Oeno Creek (OR)	14	41S	34E	6000						
18H1S	Disaster Peak	8	47N	34E	6500						
20H3aS	Dismal Swamp (CA)	31	48N	17E	7000						
20H7	Eagle Peak (CA)	35	40N	15E	7200						
19H3	49 Mountain	7	42N	19E	6000						
19H2	Hays Canyon	1	39N	18E	6400						
19H4a	Little Bally Mountain	8	45N	19E	6000						
20H9	Mt. Bidwell (CA)	6	47N	16E	7200						
20H10	North Star (CA)	13	47N	16E	6200						
17G5a	Oregon Canyon (OR)	9	40S	40E	7240						
17H6a	Quinn Ridge	9	47N	41E	6300						
20H4	Reservation Creek (CA)	12	46N	15E	5900						
18G5a	Trout Creek (OR)	10	41S	38E	7800						
<b>LAKE TAHOE</b>											
20L65	Echo Peak (CA)	35	12N	17E	7800						
20L5	Echo Summit (CA)	6	11N	18E	6300						
20L105	Fallen Leaf (CA)	36	12N	18E	7300						
19L2	Free Bench (CA)	36	12N	18E	7300						
19K6	Glenbrook #2	13	14N	18E	6900						
19L3M5	Hagans Meadow (CA)	36	12N	18E	8000						
19L245	Heavenly Valley (CA)	1	12N	18E	8850						
20L4	Lake Lucille (CA)	28	12N	17E	8200						
19K4M5	Marlette Lake	18	15N	19E	8000						
20L3	Richardsons #2 (CA)	6	12N	18E	6500						
20L1	Rubicon #1 (CA)	6	13N	17E	8100						
20L25	Rubicon #2 (CA)	6	13N	17E	7500						
20K16	Tahoe City (CA)	6	15N	17E	6250						
20K26	Tahoe City Alt. (CA)	7	15N	17E	6300						
20K275	Tahoe City Cross (CA)	1	15N	16E	6750						
19L1	Upper Truckee (CA)	21	12N	18E	6400						
20K255	Ward Creek (CA) #3	21	15N	16E	6750						
20K17	Ward Creek #2 (CA)	21	15N	16E	7000						
<b>TRUCKEE RIVER</b>											
20K14	Boca #2 (CA)	28	18N	17E	5900						
20K22	Brockway Summit (CA)	3	17N	16E	7100						
20K21	Donner Park #2 (CA)	18	17N	16E	6000						
20K10	Donner Summit (CA)	25	17N	14E	6900						
20K7*	Fordyce Lake (CA)	34	18N	13E	6500						
20K8*	Furnace Flat (CA)	10	17N	13E	6700						
20K4M5	Independence Camp (CA)	34	19N	15E	7000						
20K35	Independence Creek (CA)	9	18N	15E	6500						
20K55	Independence Lake (CA)	9	18N	15E	8450						
19K3	Little Valley	17	16N	19E	6300						
19K25	Mt. Rose	7	17N	19E	9000						
19K75	Mt. Rose 5ki Area	30	17N	19E	9000						
20K6	Sage Hen Creek (CA)	7	18N	16E	6500						
20K19	Squ										

**WINTER SNOWPACK**  
**TAHOE, TRUCKEE, CARSON & WALKER BASINS**  
**CALIFORNIA - NEVADA**  
**1980**

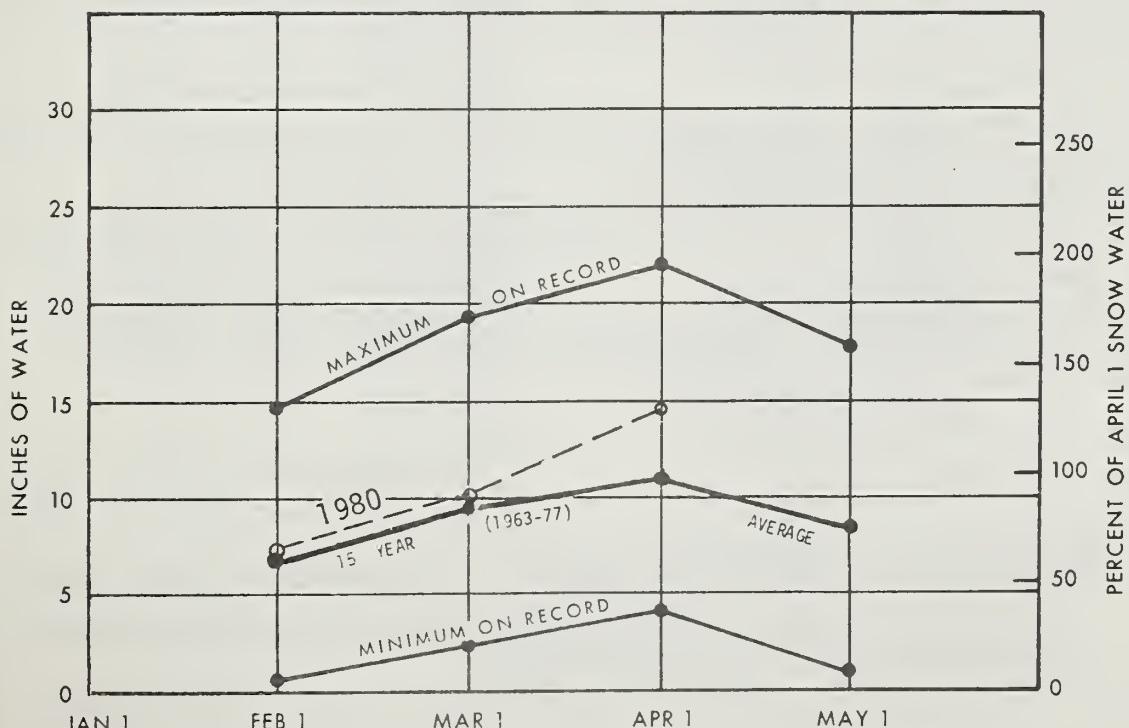
Data based on 9 long term Snow Courses



**WINTER SNOWPACK**  
**UPPER HUMBOLDT & SNAKE BASINS**  
**NEVADA**

1980

Data based on 13 selected Snow Courses



**STREAMFLOW FORECASTS (Thousand Acre Feet) as of: April 1, 1980**

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average +
<b>TRUCKEE RIVER</b>				
Galena Creek near Steamboat, NV	April-July	6.5	148	4.4
Little Truckee River above Boca, CA	April-July	115	132	87
Truckee River at Farad, CA <sup>1/</sup>	April-July	360	132	273
Lake Tahoe Rise in Feet (assuming gates closed)	April-High	2.0	141	1.42
Sage Hen Creek, CA	April-July	8.5	131	6.5
Steamboat Creek at Steamboat, NV	April-July	7.5	144	5.2
<b>CARSON RIVER</b>				
East Carson near Gardnerville, NV	April-July	265	142	187
West Carson at Woodfords, CA	April-July	80	149	53
Carson River near Carson City, NV	April-July	270	148	183
Carson River near Fort Churchill, NV	April-July	250	150	167
<b>WALKER RIVER</b> <sup>2/</sup>				
East Walker near Bridgeport, CA <sup>2/</sup>	April-Aug.	105	152	69
W. Walker below L. Walker nr Coleville, CA	April-July	225	154	146
<b>SNAKE RIVER</b> <sup>3/</sup>				
Owyhee River near Owyhee, NV <sup>3/</sup>	April-July	82	103	80
Owyhee River near Gold Creek, NV <sup>3/</sup>	April-July	25	109	22
S. Fork Owyhee River nr White Rock, NV	April-July	105	127	83
Salmon Falls Creek nr San Jacinto, NV	March-Sept.	110	116	95
<b>COLORADO RIVER</b>				
Virgin River at Littlefield, AZ	April-June	152	317	48
Virgin River at Hurricane, UT	April-June	155	316	49
<b>HUMBOLDT RIVER</b>				
Lamoille Creek near Lamoille, NV	April-July	32	114	28
S. Fork Humboldt above Dixie Creek	April-July	80	110	73
Marys River above Hot Springs, NV	April-July	45	122	37
N. Fork Humboldt at Devils Gate, NV	April-July	40	114	35
Humboldt River at Palisade, NV	April-July	225	102	221
Humboldt River at Comus, NV	April-July	175	98	175
Kingston Creek near Austin, NV	April-July	4	121	3.3
L. Humboldt River nr Paradise Va., NV	April-July	13	134	9.7
Martin Creek near Paradise, NV	April-July	24	160	15
Reese River near Ione, NV	April-July	7.7	118	6.6
Rock Creek near Battle Mountain, NV	April-July	19	119	16
<b>NORTHERN GREAT BASIN</b>				
Bidwell Creek near Fort Bidwell, CA	April-July	23	192	12
Mill Creek near Cedarville, CA	April-July	7.8	190	4.1
Deep Creek near Cedarville, CA	April-July	7.0	194	3.6
Eagle Creek near Eagleville, CA	April-July	8.2	191	4.3
Quinn River near McDermitt, NV	April-July	22	138	16
E. Fork Quinn River near McDermitt, NV	April-July	19	145	13
McDermitt Creek near McDermitt, NV	April-July	18	150	
<b>EASTERN NEVADA</b>				
Franklin River near Arthur, NV	April-July	8	136	5.9
Steptoe Creek near Ely, NV	April-July	3	150	2

*NOTE: Streamflow forecasts which appear in this bulletin are a coordinated activity of the National Weather Service and the Soil Conservation Service in an effort to provide the best possible forecasting service to water users.*

*1/ Observed flow plus change in storage in Boca, Stampede, Prosser Reservoir, Dorner, Independence and Martis Creek Lakes and minus the flow at Truckee River at Tahoe City, CA.*

*2/ Observed flow plus change in storage in Bridgeport Reservoir.*

*3/ Observed flow plus change in storage in Wild Horse Reservoir.*

+1963-1977 Period.

**RESERVOIR STORAGE (Thousand Acre Feet) AS OF April 1, 1980**

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
Owyhee	Wild Horse	72	46	31	35
Lower Humboldt	Rye Patch	172	156	84	132
Colorado	Mohave	1,810	1,637	1,659	1,700
Colorado	Mead	26,159	23,335	23,080	17,200
Tahoe	Tahoe	732	322	135	496
Truckee	Boca	41	23	29	22
Truckee	Stampede**	220	104	64	126*
Truckee	Prosser***	30	9	9	9*
Carson	Lahontan	291	243	266	242
West Walker	Topaz	59	52	58	47
East Walker	Bridgeport	42	33	43	36

\* Adjusted average.

\*\* Storage began August 1, 1969.

\*\*\* Flood Control use allocation of 20,000 acre-feet between November 1 and April 10.

**TOTAL RESERVOIR STORAGE (Thousand Acre Feet)**

MONTH	This Year	Last Year	Average +
October 1	430	472	786
January 1	432	422	844
February 1	676	495	920
March 1	795	541	968
April 1	875	646	1,010
May 1		712	1,032

The above data developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1,000 Acre-feet.

TOTAL USABLE CAPACITY 1,409

**PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)**

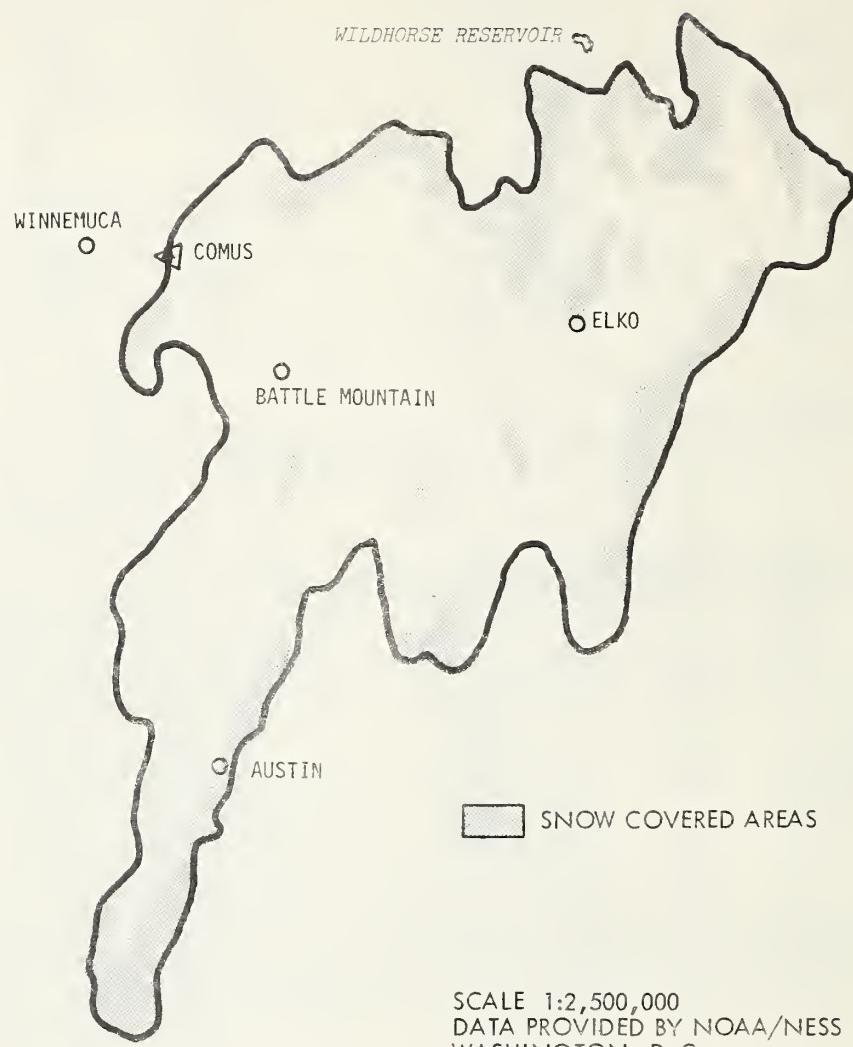
FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
East Fork Carson River near Gardnerville, NV	2300-2500	1865
Carson River near Carson City, NV	2600-2800	2098
Carson River near Fort Churchill, NV	2300-2500	1914
W. Walker R. below L. Walker near Coleville, CA	2000-2200	1589

**FORECAST DATE of LOW FLOW VALUES**

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
East Carson River near Gardnerville, NV	200	8/8	7/24

SATELLITE SNOW COVER  
HUMBOLDT RIVER ABOVE COMUS, NEVADA

MARCH 23, 1980



<u>DATE</u>	<u>PERCENT SNOW COVER</u>	<u>DATE</u>	<u>PERCENT SNOW COVER</u>
February 29, 1980	36.0%		
March 10, 1980	26.0%		
March 16, 1980	21.0%		
March 23, 1980	18.5%		

SATELLITE SNOW COVER  
TAHOE-TRUCKEE, CARSON AND WALKER BASINS

March 29, 1980

 SNOW COVERED AREAS



SCALE 1:2,000,000  
DATA PROVIDED BY NOAA/NESS  
WASHINGTON D.C.

<u>DATE</u>	<u>BASIN</u>	<u>PERCENT SNOW COVER</u>
February 26, 1980	Tahoe-Truckee	34%
February 26, 1980	Carson	16%
February 26, 1980	Walker	32%
March 29, 1980	Tahoe-Truckee	24%
March 29, 1980	Carson	11%
March 29, 1980	Walker	27%

# SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
					Last Year	Average +

## LAKE TAHOE

Echo Peak (CA)	7,800	3/28/80	114	51.8	30.6	-
Echo Summit (CA)	7,450	3/28/80	98	39.9	29.7	32.5
Fallen Leaf (CA)	6,300	3/27/80	8	3.0	2.5	-
Freel Bench (CA)	7,300	3/27/80	32	13.8	11.7	10.2
Glenbrook #2	6,900	3/28/80	45	16.1	11.6	11.2
Hagan's Meadow (CA)	8,000	3/27/80	66	26.1	14.2	16.5
Heavenly Valley (CA)	8,800	3/27/80	99	39.9	24.6	28.1*
Lake Lucille (CA)	8,200	3/28/80	180	78.4	46.0	55.9
Marlette Lake	8,000	3/27/80	82	32.4	22.6	21.1
Richardsons #2 (CA)	6,500	3/28/80	46	17.8	16.2	15.2
Rubicon #1 (CA)	8,100	3/28/80	157	61.6	40.0	48.6
Rubicon #2 (CA)	7,500	3/28/80	97	38.9	21.8	29.1
Tahoe City Cross (CA)	6,750	3/26/80	58	24.2	16.0	-
Upper Truckee (CA)	6,400	3/27/80	23	8.8	11.8	7.9
Ward Creek #2 (CA)	7,000	3/26/80	126	56.3	32.8	40.6
Ward Creek #3 (CA)	6,750	3/27/80	114	47.5	33.6	39.4*

Summary: Total Snow Courses - 13

Snow Water Content Inches

(477.5) (316.6) (356.3)

Percent of Last Year; Average

(151%) (134%)

## TRUCKEE RIVER

Boca #2 (CA)	5,900	3/30/80	10	4.2	2.4	. 3.9
Brockway Summit (CA)	7,100	3/26/80	69	27.1	13.8	16.9*
Castle Creek (CA)b	7,400	3/31/80	148	65.1	41.5	50.5
Donner Park #2 (CA)	6,000	3/30/80	45	17.4	13.2	16.7
Donner Summit (CA)	6,900	3/24/80	121	50.8	33.3	35.9
Fordyce Lake (CA)b	6,500	3/27/80	115	50.6	41.8	38.6
Furnace Flat (CA)b	6,700	3/27/80	133	62.3	44.2	45.7
Independence Camp (CA)	7,000	3/27/80	74	29.2	18.5	21.8
Independence Creek (CA)	6,500	3/27/80	41	16.1	9.4	12.7
Independence Lake (CA)	8,450	3/27/80	136	52.9	34.8	41.4
Little Valley	6,300	3/26/80	18	4.3	8.2	6.9
Mount Rose	9,000	3/27/80	121	48.6	26.2	35.9
Mount Rose Ski Area	8,850	3/26/80	132	58.1	38.3	38.5
Sage Hen Creek (CA)	6,500	3/31/80	51	21.0	13.7	17.3
Squaw Valley #2 (CA)	7,500	3/27/80	154	64.4	44.6	46.5*
Squaw Valley Gold Coast (CA)	8,200	3/11/80	164	63.0	-	-
Truckee #2 (CA)	6,400	3/26/80	49	18.5	11.8	14.3
Webber Lake (CA)	7,000	3/25/80	105	42.0	25.8	28.9
Webber Peak (CA)	8,000	3/27/80	132	55.0	32.5	42.7*

Summary: Total Snow Courses - 16

Snow Water Content Inches

(509.6) (326.5) (380.3)

Percent of Last Year; Average

(156%) (134%)

# SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +
<b>CARSON RIVER</b>						
Blue Lakes (CA)	8,000	3/26/80	120	45.4	36.6	34.6
Carson Pass, Upper (CA)	8,600	3/28/80	109	44.6	32.8	33.1
Clear Creek	7,300	3/26/80	47	15.4	9.8	11.6
Ebbetts Pass AM (CA)	8,700	3/26/80	138	60.7 $\alpha$	40.7 $\alpha$	33.8 $\alpha$
Ebbetts Pass #2 (CA)	8,700	3/26/80	137	59.9	39.8	-
Fish Valley, Upper AM (CA)	8,050	3/26/80	48	19.7 $\alpha$	14.5 $\alpha$	13.3 $\alpha$
Poison Flat AM (CA)	7,900	3/26/80	53	21.7 $\alpha$	16.8 $\alpha$	12.3 $\alpha$
Poison Flat (CA)	7,900	3/26/80	72	29.5	19.5	-
Wet Meadows Lake AM (CA)	8,050	3/26/80	104	43.7 $\alpha$	31.9 $\alpha$	25.7 $\alpha$ *
Wet Meadows #2 (CA)	8,050	3/26/80	138	57.8	43.3	-
Wolf Creek AM (CA)	8,000	3/26/80	101	43.4 $\alpha$	29.8 $\alpha$	27.8 $\alpha$ *
Summary: Total Snow Courses - 8						
				(294.6)	(212.9)	(192.2)
					Percent of Last Year; Average	(138%) (153%)
<b>WALKER RIVER</b>						
Buckeye Roughs (CA)	7,900	3/26/80	70	29.0	18.8	18.0
Center Mountain AM (CA)	9,400	3/26/80	155	62.0 $\alpha$	43.0 $\alpha$	40.8 $\alpha$
Center Mountain (CA)	9,400	3/26/80	141	56.9	40.5	34.3*
Leavitt Lake (CA)	9,400	3/26/80	166	74.8	45.7	-
Leavitt Meadows (CA)	7,200	3/26/80	34	14.6	13.8	6.7
Lobdell Lake (CA)	9,200	3/28/80	80	29.4	19.0	16.3
Sawmill Ridge (CA)	8,750	3/26/80	77	31.1	19.3	-
Sonora Pass (CA)	8,800	3/26/80	97	40.2	27.2	23.1
Sonora Pass Bridge (CA)	8,800	3/26/80	98	37.3	29.5	26.0
Tioga Pass (CA) $\beta$	9,900	4/02/80	104	44.8	34.0	24.1
Virginia Lakes (CA)	9,500	3/26/80	74	29.4	19.1	16.0*
Virginia Lakes Ridge (CA)	9,200	3/26/80	73	28.5	19.8	16.9
Willow Flat (CA)	8,250	3/26/80	48	18.0	12.1	9.5
Summary: Total Snow Courses - 9						
				(283.3)	(199.8)	(166.8)
					Percent of Last Year; Average	(142%) (170%)
<b>NORTHERN GREAT BASIN</b>						
Bald Mountain AM	6,720	3/25/80	24	8.6 $\alpha$	1.1 $\alpha$	2.3 $\alpha$
Barber Creek (CA)	6,500	3/27/80	47	18.3	7.8	11.4
Cedar Pass (CA)	7,100	3/25/80	68	27.1	16.7	16.3
Denio Creek AM (OR)	6,000	3/25/80	1	0.1 $\alpha$	0.0 $\alpha$	0.3 $\alpha$
Disaster Peak	6,500	NS	-	-	11.1	10.9
Dismal Swamp #2 (CA)	7,000	3/25/80	97	36.0	-	-
Eagle Peak (CA)	7,200	3/26/80	58	22.3	14.8	14.5
49 Mountain	6,000	3/21/80	15	5.1	0.9	2.8
Hays Canyon	6,400	3/27/80	15	5.6	0.1	2.6
Little Bally Mountain AM	6,000	3/25/80	22	7.7 $\alpha$	2.6 $\alpha$	2.0 $\alpha$
Mount Bidwell (CA)	7,240	3/28/80	87	37.7	21.7	26.0*
North Star (CA)	6,200	3/28/80	58	23.5	15.4	19.1*
Oregon Canyon AM (OR)	7,240	3/25/80	27	8.9 $\alpha$	8.7 $\alpha$	3.6 $\alpha$ *
Quinn Ridge AM	6,300	3/25/80	0	0.0 $\alpha$	0.0 $\alpha$	0.9 $\alpha$
Reservation Creek (CA)	5,900	3/28/80	43	16.8	10.1	10.5
Trout Creek AM (OR)	7,800	3/25/80	45	16.2 $\alpha$	11.8 $\alpha$	7.3 $\alpha$
Summary: Total Snow Courses - 9						
				(156.5)	(87.5)	(103.5)
					Percent of Last Year; Average	(179%) (151%)

# SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	THIS YEAR		PAST RECORD	
NAME	Elevation		Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year
<b>SNAKE RIVER</b>						
Bear Creek	7,800	4/01/80	78	23.9	19.2	21.3
Fox Creek	6,800	4/01/80	41	12.8	9.2	9.9*
Goat Creek	8,800	4/01/80	72	22.2	13.6	18.6
Hummingbird Springs	8,945	4/01/80	87	28.1	17.5	23.7
Merritt Mountain AM	7,000	3/29/80	29	9.3 $\alpha$	6.4 $\alpha$	5.4 $\alpha^*$
Pole Creek Ranger Station	8,330	4/01/80	77	24.2	14.3	22.5
Seventy Six Creek	7,100	4/01/80	48	15.4	12.3	11.4
Stag Mountain AM	7,700	3/29/80	30	10.2 $\alpha$	10.9 $\alpha$	4.8 $\alpha^*$
Summary: Total Snow Courses - 6						
					(126.6)	(86.1) (107.4)
						Percent of Last Year; Average (147%) (118%)
<b>OWYHEE RIVER</b>						
Big Bend	6,700	3/26/80	32	10.1	9.5	8.2
Columbia Basin AM	6,650	3/29/80	18	5.6 $\alpha$	11.2 $\alpha$	6.9 $\alpha^*$
Fawn Creek AM	7,000	3/29/80	33	10.2 $\alpha$	8.5 $\alpha$	4.2 $\alpha^*$
Gold Creek	6,600	3/26/80	16	5.9	6.3	4.8
Jack Creek, Lower	6,800	3/26/80	17	5.8	5.1	2.3
Jack Creek, Upper	7,250	3/26/80	35	10.9	10.7	9.4
Jacks Peak	8,420	3/26/80	79	26.9	24.1	24.4*
Laurel Draw	6,700	3/26/80	32	9.6	9.2	6.8*
Louse Canyon AM (OR)	6,440	3/25/80	32	10.6 $\alpha$	11.0 $\alpha$	2.6 $\alpha^*$
Taylor Canyon	6,200	3/26/80	11	3.7	7.3	2.7
Summary: Total Snow Courses - 7						
					(72.9)	(72.2) (58.6)
						Percent of Last Year; Average (101%) (124%)
<b>UPPER HUMBOLDT RIVER</b>						
America Beauty AM	7,800	3/29/80	33	9.9 $\alpha$	15.4 $\alpha$	8.4 $\alpha^*$
Corral Canyon	8,500	3/28/80	58	17.9	17.1	17.5
Dorsey Basin	8,100	3/28/80	54	18.7	17.8	12.3
Dry Creek	6,500	3/26/80	1	0.1	6.8	1.3*
Fry Canyon	6,700	3/26/80	29	10.2	8.1	6.1
Green Mountain	8,000	3/28/80	40	12.3	15.9	11.6*
Harrison Pass #1	6,600	3/28/80	1	0.1	0.1	2.0*
Harrison Pass #2	7,400	3/28/80	1	0.1	6.5	4.0*
Lamoille #1	7,100	3/28/80	47	14.0	7.7	7.8
Lamoille #3	7,700	3/28/80	56	15.7	11.0	12.2
Lamoille #5	8,700	3/28/80	96	36.2	29.8	26.9
Pole Canyon #2	7,700	3/28/80	53	18.1	19.6	-
Robinson Lake AM	9,200	3/29/80	104	38.5 $\alpha$	-	27.5 $\alpha^*$
Rodeo Flat	6,800	3/26/80	26	8.8	7.9	4.9
Ryan Ranch	5,800	3/28/80	0	0.0	0.0	0.1
Smith Creek	7,700	3/28/80	45	12.9	16.4	-
Tent Mountain AM, Lower	7,000	3/29/80	23	7.1 $\alpha$	11.5 $\alpha$	15.5 $\alpha^*$
Tent Mountain AM, Upper	8,350	3/29/80	62	21.7 $\alpha$	22.0 $\alpha$	20.5 $\alpha^*$
Tremewan Ranch	5,700	3/26/80	0	0.0	0.0	0.3
Trout Creek, Lower	6,900	3/28/80	18	5.5	5.8	2.5
Trout Creek, Upper	8,500	3/28/80	68	24.3	23.1	18.2*
Summary: Total Snow Courses - 15						
					(155.1) (157.6) (127.7)	
						Percent of Last Year; Average (98%) (121%)

# SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
					Last Year	Average +
<u>LOWER HUMBOLDT RIVER</u>						
Big Creek Campground	6,600	3/26/80	1	0.3	2.5	1.1
Big Creek Mine	7,600	3/26/80	15	4.6	4.9	4.1
Big Creek Summit	8,700	3/26/80	49	16.0	16.3	-
Big Creek, Upper	7,800	3/26/80	21	6.3	8.0	6.3
Buckskin, Lower	6,700	3/26/80	33	9.9	7.7	7.0
Buckskin, Upper	8,200	3/26/80	42	14.9	15.3	9.9
Golconda #2	6,000	3/31/80	10	4.1	3.3	2.3*
Granite Peak	7,800	NS	-	-	14.5	15.1*
Lamance Creek	6,000	3/26/80	31	10.0	8.9	6.4
Martin Creek	6,700	3/26/80	45	11.4	6.9	8.1
Midas	7,200	3/26/80	0	0.0	0.1	1.8
Toe Jam AM	7,700	3/29/80	36	11.9 $\alpha$	14.4 $\alpha$	8.3 $\alpha$ *
Summary: Total Snow Courses - 9						
				(61.5)	(57.6)	(47.0)
					(107%)	(131%)
<u>EASTERN NEVADA</u>						
Baker #1	7,950	3/28/80	38	13.0	9.7	5.8
Baker #2	8,950	3/28/80	67	23.0	20.0	12.8*
Baker #3 AM	9,250	3/29/80	57	19.0 $\alpha$	17.0 $\alpha$	15.5*
Berry Creek	9,100	4/01/80	68	19.0	18.9	14.2*
Bird Creek	7,500	3/26/80	23	8.7	4.1	2.7
Hole-in-Mountain	7,900	3/28/80	79	29.0	24.5	21.1*
Kalamazoo Creek	7,400	3/28/80	40	12.9	11.1	6.1*
Mount Defiance AM	9,400	3/29/80	96	24.5 $\alpha$	-	16.6 $\alpha$ *
Murray Summit	7,250	3/25/80	5	1.8	8.1	1.6
Robinson Summit	7,600	3/25/80	1	0.3	0.1	1.0
Silver Creek #2 AM	8,000	3/29/80	10	3.0 $\alpha$	7.0 $\alpha$	5.1 $\alpha$
Ward Mountain #2 AM	7,400	3/29/80	45	14.0 $\alpha$	12.5 $\alpha$	
White River #1	7,400	NS	-	-	-	1.8
Summary: Total Snow Courses - 8						
				(107.7)	(96.5)	(65.3)
					(112%)	(165%)
<u>CENTRAL GREAT BASIN</u>						
Chiatovich Flat AM (CA)	10,500	NS	-	-	-	-
Clark Canyon	9,000	3/27/80	55	20.1	16.6	6.9*
Pinchot Creek AM (CA)	9,300	NS	-	-	-	-
Piute Pass AM (CA)	11,700	NS	-	-	-	-
Montgomery Pass	7,100	3/26/80	0	0.0	0.0	0.8
Trough Springs	8,500	NS	-	-	-	3.5*
Summary: Total Snow Courses - 2						
				(20.1)	(16.6)	(7.7)
					(121%)	(261%)

# SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	THIS YEAR		PAST RECORD	
NAME	Elevation		Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year
<u>LOWER COLORADO RIVER</u>						
Kyle Canyon	8,200	3/28/80	53	20.4	19.2	7.6*
Lee Canyon #2	9,000	3/28/80	56	20.8	18.0	7.7
Lee Canyon #3	8,500	3/28/80	50	18.2	17.8	6.3
Mathew Canyon	6,000	NS	-	-	0.6	0.9
Pine Canyon	6,200	NS	-	-	-	0.5
Rainbow Canyon #2	8,100	3/28/80	74	27.1	26.6	13.4
Summary: Total Snow Courses - 4						
				(86.5)	(81.6)	(35.0)
					(106%)	(247%)

# DESERT RESEARCH INSTITUTE MEASUREMENTS

## TAHOE-TRUCKEE BASIN

Alder Creek	6,960	3/27/80	99	38.2	31.2	-
Apollo Way	7,300	3/26/80	31	13.8	6.7	-
Bennett Flat	6,200	3/27/80	47	19.2	9.4	-
Davis Creek	5,160	3/26/80	0	0.0	0.0	-
Evergreen Hills	5,700	3/26/80	0	0.0	0.8	-
Galena Creek	7,440	3/26/80	71	28.5	19.4	-
Henness Pass Junction	6,410	3/27/80	47	16.2	-	-
Hobart Mills	5,850	3/27/80	22	9.9	4.9	-
Incline Lake	8,000	3/26/80	92	38.8	25.4	-
Jones Creek	6,000	3/26/80	0	0.0	1.2	-
Mount Rose Resort	8,280	3/26/80	107	46.0	29.2	-
North Star Fire Department	6,320	3/27/80	20	8.1	4.8	-
RNR Test Site	6,400	3/26/80	24	9.4	6.0	-
Sky Tavern	7,620	3/26/80	61	27.3	13.1	-
Spooner Summit	7,620	3/26/80	58	23.3	12.7	-
Squaw Valley Fire Department	6,240	3/27/80	40	17.8	8.2	-
Sundance Lodge	7,060	3/26/80	37	15.7	10.5	-
Tahoe City	6,240	3/27/80	36	15.7	15.7	-
Tahoe Meadows	8,540	3/26/80	137	56.2	42.7	-
Tamarack Lake	8,820	3/26/80	114	46.4	31.0	-
Third and Incline Creeks	6,235	3/26/80	0	0.0	1.2	-
Thunder Cliff	6,200	3/27/80	38	15.0	8.8	-
Truckee Airport	5,900	3/27/80	6	2.5	0.6	-
Whites Creek	5,670	3/26/80	0	0.0	0.5	-

## ADDITIONAL MEASUREMENTS

Bird Creek	7,500	3/7/80	22	5.6	-	-
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a Aerial Marker

b Located on adjacent basin

\* Less than 15 year record

NS Not scheduled this month

### NOTE:

All averages based on 1963-77, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted.

+1963-1977 period.

**PRECIPITATION (Inches)**

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
		Date of Reading	Month's Precipitation	Last Year	This Year	Last Year	1978
<u>TAHOE-TRUCKEE</u>							
Echo Peak (CA)	7,800		-	7.5	-	29.5	41.8
Fallen Leaf (CA)	6,240	2/29/80 to 3/31/80	2.1	2.9	39.9	17.8	28.5
Hagan's Meadow (CA)	8,000	2/29/80 to 3/31/80	4.0	4.0	38.9	23.8	31.9
Heavenly Valley (CA)	8,800	2/29/80 to 3/31/80	4.2	6.0	35.6	-	31.7
Independence Camp (CA)	7,000	2/29/80 to 3/31/80	4.4	2.6	41.0	21.3	33.9
Independence Creek (CA)	6,500	2/26/80 to 3/27/80	3.5	3.2	30.7	19.1	31.2
Independence Lake (CA)	8,450	2/29/80 to 3/31/80	-	5.2	-	22.5	-
Marlette Lake	8,000	2/29/80 to 3/31/80	6.0	4.3	38.0	24.2	32.6
Mount Rose	9,000	1/31/80 to 3/31/80	-	3.8	37.0	22.9	24.3
Mount Rose Ski Area	9,000	2/27/80 to 3/26/80	7.3	8.0	73.1	40.3	-
Rubicon #2 (CA)	7,500	2/26/80 to 3/28/80	5.3	3.6	48.6	27.8	-
Tahoe City Cross (CA)	6,750	2/29/80 to 3/26/80	4.9	4.2	46.1	26.3	27.7
Truckee #2 (CA)	6,400	3/1/80 to 3/26/80	4.7	2.7	37.7	20.3	8.8
Ward Creek #3 (CA)	6,750	2/29/80 to 3/31/80	6.7	7.5	75.8	45.1	54.8
<u>CARSON</u>							
Blue Lakes (CA)	8,000		-	-	-	-	-
Ebbetts Pass (CA)	8,700	1/31/80 to 3/31/80	-	6.7	60.5	39.3	-
Poison Flat (CA)	7,900	2/26/80 to 3/26/80	3.8	4.3	36.4	28.1	40.2
Wet Meadows #2 (CA)	8,050	2/26/80 to 3/26/80	10.2	7.5	55.1	32.6	27.4
<u>WALKER</u>							
Leavitt Meadows (CA)	7,200	2/26/80 to 3/26/80	3.3	4.0	37.3	26.8	30.1
Lobdell Lake (CA)	9,200	2/29/80 to 3/31/80	4.7	4.2	26.9	18.8	26.5
Sonora Pass Bridge (CA)	8,800	2/29/80 to 3/31/80	6.6	-	42.4	-	-
Virginia Lakes Ridge (CA)	9,200	2/29/80 to 3/31/80	3.9	4.3	33.1	22.4	31.3
<u>HUMBOLDT</u>							
Big Creek Summit	8,700	2/27/80 to 3/26/80	3.4	-	13.1	18.9	-
Buckskin, Lower	6,700	2/26/80 to 3/26/80	4.1	2.8	20.0	13.6	-
Corral Canyon	8,500	2/29/80 to 3/31/80	5.0	3.5	20.7	18.0	19.4
Dorsey Basin	8,100	2/29/80 to 3/31/80	5.5	4.4	22.6	20.4	21.8

**PRECIPITATION (Inches)**

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
		Date of Reading	Month's Precipitation	Last Year	This Year	Last Year	
<u>HUMBOLDT (contd.)</u>							
Granite Peak	7,800	NS	-	7.8	-	18.2	27.3
Green Mountain	8,000	2/29/80 to 3/28/80	4.0	2.7	20.0	19.4	20.7
Lamance Creek	6,000	2/26/80 to 3/26/80	3.2	3.0	24.8	15.7	22.4
Lamoille #3	7,700	2/27/80 to 3/28/80	4.9	2.7	21.0	17.1	21.1
Martin Creek	6,700	2/26/80 to 3/26/80	3.6	7.6	23.1	17.6	-
Midas	7,200	2/26/80 to 3/26/80	1.8	-	-	-	-
Rodeo Flat	6,800	2/26/80 to 3/26/80	1.6	1.7	13.4	10.2	9.9
Trout Creek, Lower	6,900	2/27/80 to 3/28/80	2.8	2.0	16.3	10.5	-
<u>OWYHEE</u>							
Big Bend	6,700	2/29/80 to 3/31/80	1.6	1.5	13.1	10.3	11.4
Fawn Creek	7,000	2/26/80 to 3/26/80	4.7	-	25.5	21.8	-
Jack Creek, Upper	7,250	2/29/80 to 3/31/80	4.4	3.2	20.2	16.9	17.0
Jacks Peak	8,420	2/26/80 to 3/26/80	2.0	4.9	26.6	22.2	23.0
Laurel Draw	6,700	2/29/80 to 3/31/80	3.1	2.6	20.0	15.8	-
Taylor Canyon	6,200	2/26/80 to 3/26/80	0.8	1.0	8.2	7.7	8.0
<u>SNAKE</u>							
Bear Creek	7,800	2/29/80 to 3/31/80	5.7	2.9	25.7	19.0	16.8
Goat Creek	8,800	3/1/80 to		3.3		20.6	22.5
Pole Creek Ranger Station	8,330	3/1/80 to		2.2		14.5	15.3
Seventy Six Creek	7,100	2/29/80 to 3/31/80	1.5	1.2	15.8	12.6	-
<u>NORTHERN GREAT BASIN</u>							
Cedar Pass (CA)	7,100	2/29/80 to 3/31/80	5.6	3.4	31.9	18.2	19.6
Disaster Peak	6,500	NS	-	2.3	-	14.9	15.5
<u>EASTERN NEVADA</u>							
Berry Creek	9,100	2/9/80 to 4/1/80	-	-	36.8	16.9	16.7
Hole-in-Mountain	7,900	NS	-	1.6	-	-	-

NS = Not Surveyed.

## Agencies Cooperating in Collecting Data Contained in this Bulletin

### FEDERAL

Agricultural Research Service  
Bureau of Reclamation  
Fish and Wildlife Service  
Forest Service  
Geological Survey  
Soil Conservation Service  
U. S. District Court - Federal Water Master  
NOAA, National Weather Service

### STATE

California Cooperative Snow Surveys  
California Department of Parks and Recreation  
California Department of Water Resources  
Colorado River Commission of Nevada  
Idaho Cooperative Snow Surveys  
Nevada Association of Conservation Districts  
Nevada Department of Conservation & Natural Resources  
Division of Water Resources  
Nevada State Forester  
Oregon Cooperative Snow Surveys  
University of Nevada, Desert Research Institute  
Utah Cooperative Snow Surveys  
White Mountain Research Station, Univ. of California

### PRIVATE

Amalgamated Sugar Company  
Kennebott Copper Corporation  
Nevada Irrigation District  
Owyhee Project North Board of Control  
Owyhee Project South Board of Control  
Pacific Gas and Electric Company  
Pershing County Water Conservation District  
Sierra Pacific Power Company  
Truckee-Carson Irrigation District  
Walker River Irrigation District  
Washoe County Water Conservancy District

Other organizations and individuals furnish valuable information for the snow survey reports. Their Cooperation is gratefully acknowledged.



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## FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Furnishes the basic data  
necessary for forecasting  
water supply for irrigation,  
domestic and municipal water  
supply, hydro-electric power  
generation, navigation,  
mining and industry

*"The Conservation of Water begins  
with the Snow Survey"*